



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: **Second Tuesday** of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the **First Tuesday** of each month.
- On the **fourth Tuesday** of every month, in-person meeting at Ridge Road Baptist Church where there will be project tables, demos, snacks, and socializing.



PUBLIC SERVICE EVENTS

Interested in helping? Visit
<https://www.rars.org/public-service.php>

frequently for our ham public service schedule.

RARS General Meeting

Date: April 9, 2024

Main: Topic: Radios on the Battleship
North Carolina

By: Alex Dydula, AG1Q

Time: Zoom Meeting at 7:30 PM,
informal gathering at 7PM

Next Month: NextGen TV, ATSC 3.0
by Ryan Gladson, Chief Engineer, CBS 17
Raleigh (WNCN).

RARS In Person Meeting

Date: April 23, 2024

Where: Ridge Road Baptist Church

Time: 7:00 PM

In-person meeting at Ridge Road Baptist Church
where there will be project tables, demos, snacks,
and socializing.



RARSfest April 6, 2024

Latest info —> [RARSfest - The NC Capital Area Hamfest](#)

Experience the Largest All-Indoor Hamfest on the East Coast
and the 2024 [ARRL Roanoke Division](#) Convention!
Brought to you by the [Raleigh Amateur Radio Society](#)

Door Prizes for 2024!

Grand Prize

[Yaesu FTDX10 HF Radio](#)

First Prize

[Yaesu FTM-500DR FM/C4FM](#)

[Dual Band Mobile](#)

“Early Bird” Prize

[ICOM IC-2730A Dual Band Mobile](#)

Volunteer Prize

[Yaesu FT-70DR Dual Band Handheld Radio](#)

PLUS! Hourly drawings for other fabulous prizes! See the [Door Prizes](#) page for details.
Please note that complimentary tickets are not eligible for prize drawings.

Volunteers are needed, [please sign up here](#).

You do not need to be a RARS member to volunteer!
Complimentary admission and a [special prize drawing](#) for volunteers

RARSfest April 6, 2024

General Admission

- \$10 during the “Early Bird” period from January 30 through March 30
- There will be a **special prize drawing** for people who buy their tickets during the “Early Bird” period
- \$12 after March 30
- Admission for attendees age 16 and under will continue to be complimentary when accompanied by a paying adult

Admission will also be complimentary for anyone earning their first amateur radio license at our [license exam session](#). Details at the exam session.

Use the [main entrances](#) to the Jim Graham Building

See [here](#) for details and to order on-line from January 30 through March 30, 2024.

Commercial Area

- For commercial sellers of **new** amateur radio and related equipment, and non-commercial exhibitors
- Located in a prime traffic area at the front of the show floor
- Your choice of attractive 10' x 10' booth space or eight-foot tables in a custom arrangement (space permitting)
- Power outlets available
- Reasonably priced
- Easy setup and take-down—drive to your space!

Use the [load-in \(a/k/a "Flea Market"\) entrance](#) to the Jim Graham Building

See [here](#) for details, pricing, and how to request space in the Commercial Area. The deadline for ordering is March 30, 2024, one week prior to RARSfest.

Flea Market

- For clubs and non-commercial sellers of **used** amateur radio and related equipment
- Eight-foot table with two chairs
- \$23 from January 30 through March 30
- \$27 after March 30
- 120 VAC Power—\$25 per connection. Bring your own extension cords

Prices do **not** include admission. You must [purchase general admission tickets separately](#).

Use the [load-in \(a/k/a "Flea Market"\) entrance](#) to the Jim Graham Building

See [here](#) for details and to order on-line from January 30 through March 30, 2024.

RARS Officers

PRESIDENT

Fin Gold
NC4FG
nc4fgfin@gmail.com

VICE PRESIDENT

Chuck Till
K4RGN
k4rgn@outlook.com

SECRETARY

Julie Royster
KT4JR
919-782-1624
KT4JR@arrl.net

TREASURER

Greg Seamster
KE4PAX
919.859.0029
KE4PAX@arrl.net



The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Regular dues for licensed amateurs are \$18 per year. (From July 1 through June 30.) Additional licensed immediate family members pay \$5 each per year. Dues for licensed full-time students and licensed seniors 60 and over are \$12 per year. Unlicensed individuals may become associate members for \$9 per year. Applications for membership are available from the treasurer or on the RARS web site.

<https://www.rars.org>

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the Saturday that is ten days before the general meeting. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

President's Message

As Spring has sprung with a vengeance, our club is buzzing with excitement!

If you read this when the Exciter comes out, we are about to experience RARSfest, the largest hamfest around. There is so much happening at that event, I can't even list it here. Go look at [RARSfest.org](https://www.rars.org). Sign up as a volunteer to help make the event the best it can be in support of your fellow hams.

I know of many people preparing to test at the RARSfest license exam session. Some of them just finished a great Technician class led by our Education Director, Denny Oestreich, KO4IBL. Great job, Denny! Best wishes to all those testing as you begin or continue your journey. Pass and get a free RARS membership for over a year and free entry into the hamfest!

I invite everyone attending the big day to stop by the RARS booth (across from the front entrance) and talk with me and other active members. Get a free ham sticker while they last! Hear our ideas to make the club better and tell us all your ideas. Also, bring your small electronics projects to show and tell with others. Leave them while you shop, and we'll show them to others. We are all about discovery and innovation.

We're getting new members at an amazing rate! The main web page mentions them as they join, so please welcome them when they come to an event. New members means new ideas. Let's hear them! We're working on a "Track" program that will help members discover how to get involved with specific aspects of the hobby. In the mean-time, contact me at president@rars.org with any questions.

As always, peruse our web page to see all the other activities we offer. So many options! Meetings, Public Service, Parks on The Air, Field Day, Nets, Dinners, and more. Please join in and help out. Why? Because this is YOUR club and you can help make it even better.

Radio on!

73,

Fin Gold, NC4FG

March 12, 2024 RARS meeting

Fin Gold, NC4FG, RARS President, started the meeting at 7:30. The pledge of allegiance was recited. Various reports were given. See the [minutes](#) for more information about the meeting. Chuck Till, K4RGN introduced the speaker, Nancy, KB2TNR. The topic was the RARSfest. A few slides from the presentation are next. It is available on the [RARS website](#).

The meeting was adjourned at 8:33PM.



Fin Gold, NC4FG, RARS President.

Hello!

I am Nancy KB2TNR

I am Chair of the 2024 RARSfest™

Member: ARRL, QCWA, YLRL

You can find me at:

rarsfest@rars.org



Screen captures
during the
meeting

March 12, 2024 RARS meeting, continued



Raleigh Amateur Radio Society
Worldwide Friendship • W4DW/W4RNC • Raleigh, NC • An ARRL Special Service Club
146.64 • 145.13 (82.5) • 444.525 (82.5)

50th Annual RARSfest™ 2024

Nancy Torborg
K2TND

The Raleigh Amateur Radio Society Hamfest

- NO LONGER on Easter weekend!
- Setup - Friday, April 5th
- Show - Saturday, April 6th
- Location - The Jim Graham Building
NC State Fairgrounds
4825 Trinity Road
Raleigh, NC 27607

Screen captures of some of the slide used in the presentation.

March 12, 2024 RARS meeting, continued

Timeline



Tickets

- Tickets are on sale [NOW!](#)
- Pre-Sale \$10 (March 30th); \$12 at Door
- Under 16 *FREE* with paying adult
- *New for 2024:* [Registered](#) Volunteers get in for FREE!

Screen captures of some of the slide used in the presentation.

<https://www.rars.org>

Three ways to sell at RARSfest™:

Dealer/Vendor

- **New radio-related items only;** includes assigned space with pipe & drape, table/chairs; 120V power
- 4 Guest passes included

Flea Market

- **Used radio items only**
- Includes assigned spot with table and chairs.
- Ticket *not* included.
- 120V power available at additional cost.

RARS Consignment

A way for RARS™ *members* to sell their personal equipment, the staff at the Members Sales Tables take care of selling the equipment while the owners work at other RARSfest™ tasks.

Set-Up:

- 12 noon – 7pm Friday, April 5th (pizza provided)
- 6am - 7:30am Saturday, April 6 th
- Gates open to public 8am Saturday

Screen captures of some of the slide used in the presentation.

March 12, 2024 RARS meeting, continued

 TL Tom Lewis (Me)	 DW dennis wz0q=Raleigh	 N N2VRG
 Chuck K4RGN Raleigh (Host)	 DA Doug AD4UL, Melbourne, FL	 N N4RDW
 NK Nancy KB2TNR	 DN Doug N3LTV Raleigh NC	 PP Poppa P 2
 Greg KE4PAX Colorado Springs,	 EN Ernie NC4EW Oak Ridge	 RK Richard K7RLH Apex
 AK Al KE4IHX Roxboro	 Fin Gold NC4FG Raleigh	 RK Richard Kroeger N1FUA Apex
 AA ALAN AB4OZ RALEIGH	 JK Jerry KE4TTS Cary,NC	 RB Rob Bowser - KO4HUI - Cary
 BW Bill W4WHW	 JK Jim KM4WRK, Raleigh	 RA Robert Acosta N Carolina
 BJDavis - N6BJD	 JW Jim, W1XR	 RK roger k4klk
 BN Bob N4GEB Clayton NC	 JK Joe KM4WRQ	 Ryan N7RYN NC
 BW Bob WX4MMM	 Joe N4BJH Wake Forest	 Scott KE4WMF
 BK Brantley K4CBW	 JH John Hollowell K4JAH Raleigh	 SW Steve W4MGT Raleigh
 BW Bruce, W8TWT Raleigh	 JH John Honeycutt - N8ZU - Raleigh	 SN Steve, NR4M
 C Carl - KM4GBE - Cary	 JK Jon KG6K	 Tadd (KA2DEW) Torborg
 Carl Slack N4BBA	 Jonathan O.	 TK Tim KC1TWR NC
 C Charles Littlewood	 JR Julie Royster KT4JR	 TN Tom NC4TS Lake Royale
 CS Charles Strickland	 K K4ZVK	 Tony - K1OC - Apex
 CW Charles wb4dcm Raleigh	 KK Ken KN4GUS Four Oaks	 Tyler KO4BZA
 C Chuck, K4HF - Raleigh	 KL Ken Latchum AD4GX Raleigh	 WW Wilbur WD4RDT Raleigh
 CN Cliff, N3LEX Garner, NC	 LK larry K4LXV Raleigh	 WW Will WA4GK Durham
 DO Dennis Oestreich	 MK Mike KN4DRN Durham, NC	 19197958388

60 people attended

Monthly In-Person RARS Gathering, March 26th

Ridge Road Baptist Church, at [2011 Ridge Road, Raleigh](#)

The meeting starts at 7:00 pm in the Fellowship Hall, but we start setting up at 6:00 pm, and you are welcome to bring your own ham radio equipment and projects to demonstrate, show off, or just work on with other like-minded hams -- we have plenty of tables. You might also find sources of coax, connectors, zip cord, Powerpoles®, and whatnot.



RARS Gathering, pictures

Monthly In-Person RARS Gathering, continued



1952 Hallicrafters S-38C

850 AM



146.880 147.420 147.135 444.525



Two "Go Boxes"

14,262 MHz



Scope and
scanner for
sale

RARS Gathering, pictures

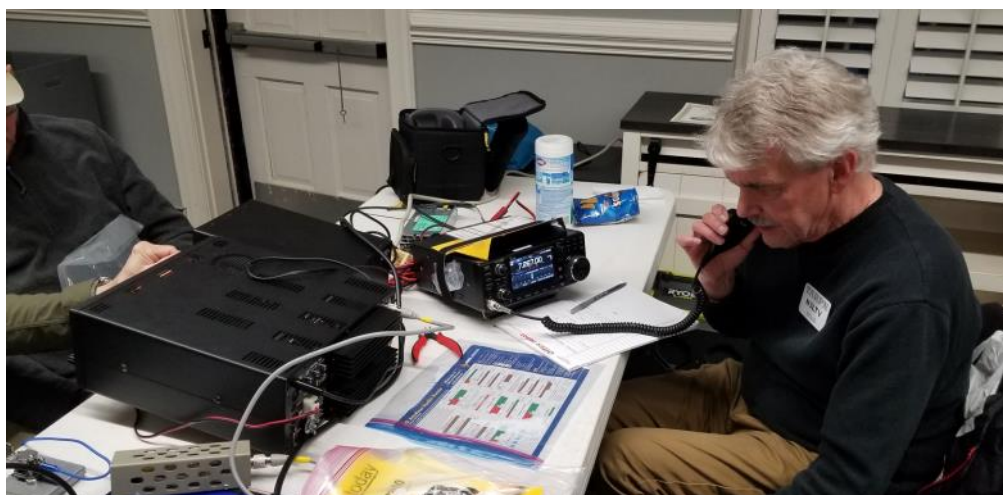
Monthly In-Person RARS Gathering, continued



This is how you do that!



Assembling radio shelving



On the air 7.267 MHz

RARS Gathering, pictures

Monthly In-Person RARS Gathering, continued



On the air times two



On the air 14,258 MHz

RARS Gathering, pictures

Monthly In-Person RARS Gathering, continued



This is a picture of KC4AQC (an extra class ham who has been off the air for a while) making a contact via our RARS Gathering GOTA station with George in Odessa Ontario on 40m last night (3/26) 73, Doug N3LTV

Boy Scout Radio merit badge

BSA's Scouting Magazine has published the 2023 merit badge rankings.

The Radio merit badge is #76 out of 138 current badges. The ranking is based on total merit badges awarded nationwide.

The Radio merit badge is not required for any rank; it is an optional badge for anyone interested in the topic.

Here is the article URL...

<https://blog.scoutingmagazine.org/2024/02/13/2023-merit-badge-rankings-a-look-into-scouts-current-interests-and-achievements/>

Thanks to Charles Good, KM4AMT, for sending this to the Exciter.

CW Learning track for new members and the club, in general.

It is great to hear there is a resurgence of interest in learning CW within RARS.

Here are two On-Line options that are very helpful:

- 1) CW Academy - the next series of 8 week on-line classes starts May 1. The classes are twice a week for 8 weeks. They fill up quickly so if you're interested, here is the Sign up webpage: <https://cwops.org/cw-academy/cw-academy-options/> -There are four levels of classes. For new students who are just learning CW, the Beginner series is recommended. (One of the founders of CW Academy is a former RARS President Jack Ritter W0UCE-SK....)
- 2) Long Island CW Club The Long Island CW Club runs over 90 on line classes & forums a week, 7 days a week. Of these around 15-20 are Beginning CW classes. The others are radio related classes and forums. Boat Anchors, Antenna, Kit building, Working with hearing impairment & a Portable Operations forum (I co-moderate the Port Ops Forum). - There is a modest fee but well worth all the CW & radio related forums. This option offers the most flexibility, as you can drop into any class, any time (we have instructors in Europe & Asia) & many classes are recorded.
Website is: <https://longislandcwclub.org/>

-Please check these out if you're interested. More to come.

73 de K4RLC Bob

March 2024 RARS Net Report

31 2m nets: 363 checkins, 683 minutes

4 6m nets: 39 checkins, 64 minutes

1 HPSNC net: 5 checkins, 25 minutes

The new Ham Public Service NC (HPSNC) net will be held on the last Wednesday of each month at 7 pm on the 146.64 repeater.

Julie Royster, KT4JR

2 M nets are on 146.64, 6 M nets are on 50.200.

RARS Member Birthdays

Bill	KO4IBN	04/01
Devin	KN4FVH	04/01
Paul	KO4LZ	04/01
Kenneth	KQ4JID	04/01
Roger	KB4FEU	04/02
Bob	W4TTX	04/03
Rob	KM4MLY	04/03
Patrick	KN4YEH	04/04
Dean	KM4WRO	04/06
Dalton	W1DGS	04/07
Garry	KM4MMC	04/07
Ginger	KD4OKP	04/08
Julia	KT4JR	04/09
Dennis	NC4DK	04/10
Scott	KG4ZYA	04/11
David	K9RI	04/11
Bob	K2QJ	04/11
Tim	KO4FJW	04/12
Dave	K4KDP	04/13
Thomas	N4IZE	04/15
James	N7JLS	04/15
Tom	NC4TS	04/15
Ryan	N7RYN	04/17
Charles	KM4MBS	04/17
Michael	KD4FRD	04/18
Rusty	KQ4CAN	04/19
Larry	W4LEC	04/19
Bill	N0FSD	04/19
Kirk	KI4RK	04/19
John	W4WWD	04/20
Heyward	WA4HTR	04/21
Fin	NC4FG	04/22

RARS Member Birthdays

Troy	KN4WSO	04/22
Joanne	AA3N	04/23
Pete	KI4LWQ	04/23
Dave	KG4OPZ	04/24
Patrick	W4NMS	04/25
Eric	WO2S	04/25
Charlie	WA4OSS	04/27
Kirk	KM4RHF	04/27
Chris	K4RUF	04/27
Howard	KB3ZX	04/29
Stan	W2CK	04/29
John	NC4JP	04/29
John	W3KHG	04/30

RARS New Members

George McBride	N2VEH
Carl Slack	N4BBA
Kelly McCullen	KE4MAC
Heyward Grainger	WA4HTR
Jay Gilleece III	KQ4PSK
David Gunter	K9RI
Chris Walters	N4LLZ
Lloyd Gatling	W4LG
Judith Gatling	KF4WZG

HAM RADIO LUNCHEON

Everyone is welcome!

Every Thursday at 11:15 AM, New York Diner,
909 McKnight Drive Knightdale.

<https://www.facebook.com/NewYorkDinerNC>

Check the latest information on the AB4OZ QRZ entry. QRZ.COM.

RARS Monthly Supper, IHOP Restaurant

All members and guests are welcome to the monthly (first Tuesday) RARS Supper, 6:30PM, at the IHOP Restaurant, 7471 Six Forks Road, Raleigh. The restaurant is on the corner of Sawmill and Six Forks Roads. After entering the restaurant look for our folks in the dining room. Informal and Dutch, just bring your appetite and best rag to chew.

73, Chuck, K4HF



The new
Ham Radio
for 2024.

Thanks to my
son-in-law
Frank for
sending this
to the me.

73 Tom N4TL

RARS MONTHLY SUPPER, IHOP RESTAURANT APRIL 2, 2024



Photo by Jan Lewis

Names clockwise around the table

Dennis Mason, WZ0Q; Fin Gold, NC4FG; Chuck Till, K4RGN; Chuck Littlewood, K4HF;
Waiyi Choi; Luke Osbrink; Jonathan Osbrink, KB8QNE; Bob Starkenburg W4TTX;
Ken Latchum, AD4GX; Tom Lewis, N4TL

RARSfest Volunteer Consignment table

One of the benefits of being a RARSfest Volunteer is the ability to have the Raleigh Amateur Radio Society try to sell a reasonable number of items for you at the Volunteer Consignment Table.

Full information is on the [RARS website](https://www.rars.org) .

Fill out a [sales request form](#) on the website for each item to be sold. On Friday the day before the RARSfest. I will print labels for each item that have been registered on the website. The labels are the removable and don't leave glue behind. When you bring an item to the table on Friday, pick up your labels and put them on your items. At the end of the RARSfest come by and pick up your money for the sold items and the items that did not sell.

73 Tom N4TL

RARS Technician Training Classes

RARS Technician Training Classes 3/16, 3/23 and 3/30, 2024.

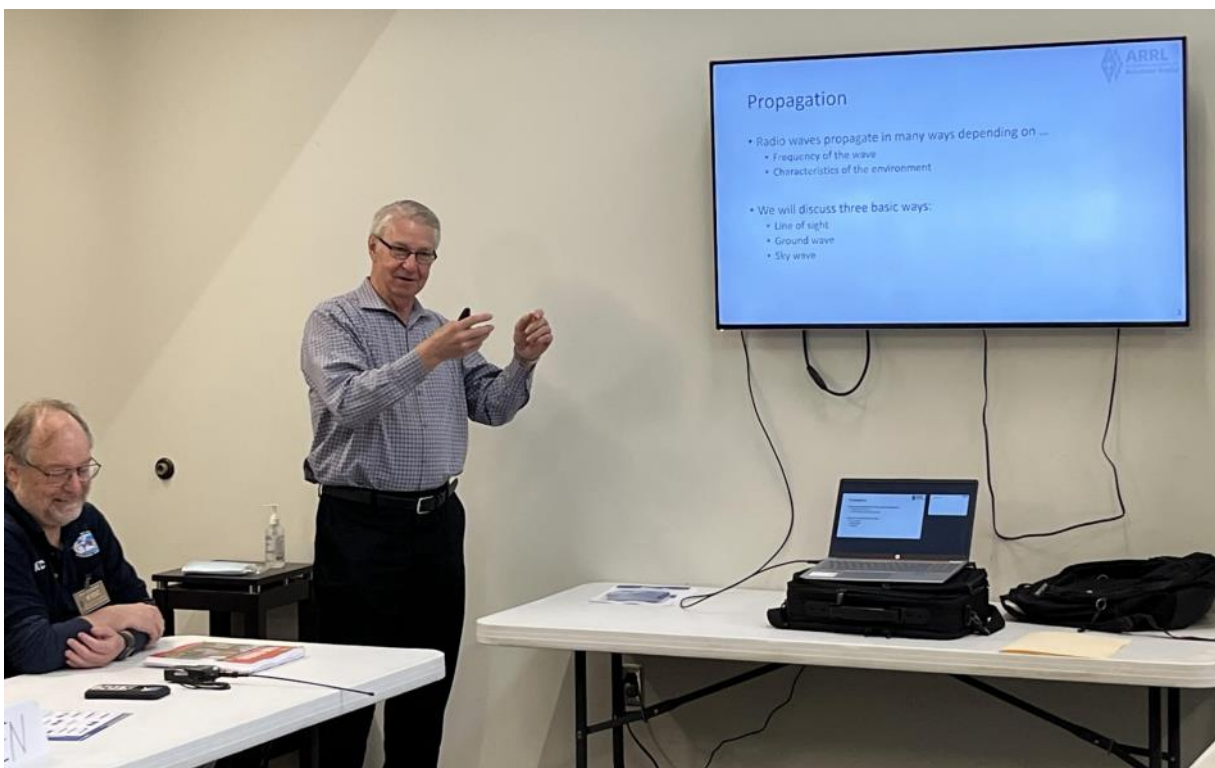
Chapter presentation order changed to accommodate instructor availability.

♦ Chp. 1 Welcome, logistics, RARS Info.	Denny Oestreich	Fin Gold
♦ Chp. 2 Radio and Signal Fundamentals	Brantley West	Denny Oestreich
♦ Chp. 3 Electricity, Components, and Circuits	Tom Lewis	Denny O
♦ Chp. 7 Licensing Regulations	Tony O'Connor	Denny O
♦ Chp. 8 Operating Regulations	Tony O'Connor	Denny O
♦ Chp. 4 Propagation, Antennas and Feed Lines	Denny O	Tony O'Connor
♦ Chp. 5 Amateur Radio Equipment	Richard Kroeger	Denny O
♦ Chp. 6 Communicating with Other HAMS	Brantley West	Denny O
♦ Chp. 9 Safety	Chuck Till	Fin Gold

Other Volunteers

- ♦ Doug Wall – Assisting with Instruction and set up.
- ♦ Nancy Torborg – RARSfest Invite and coffee.
- ♦ Fin Gold - Welcome, RARS invite, and help offers

The class started with 15 students and ended with 12. They will take their test at the RARSfest.

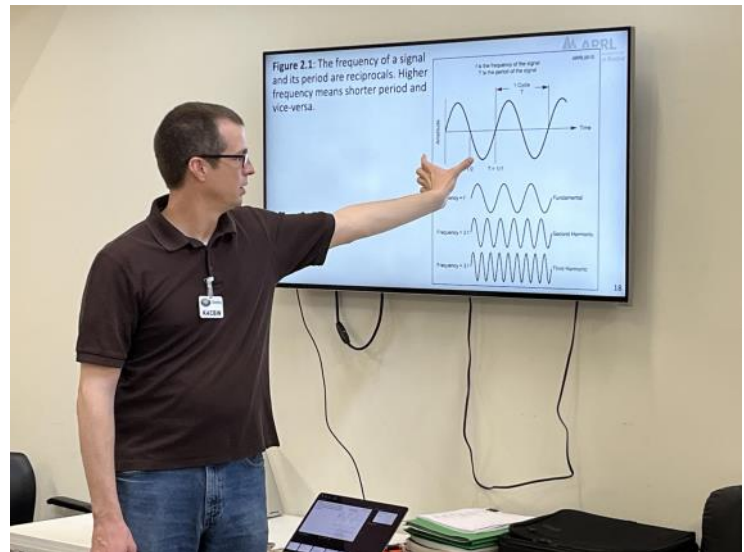


Tony O'Conner, K1OC & Denny Oestreich, KOIBL

RARS Technician Training Classes



Tony O'Conner, K1OC



Brantley West, K4CBW

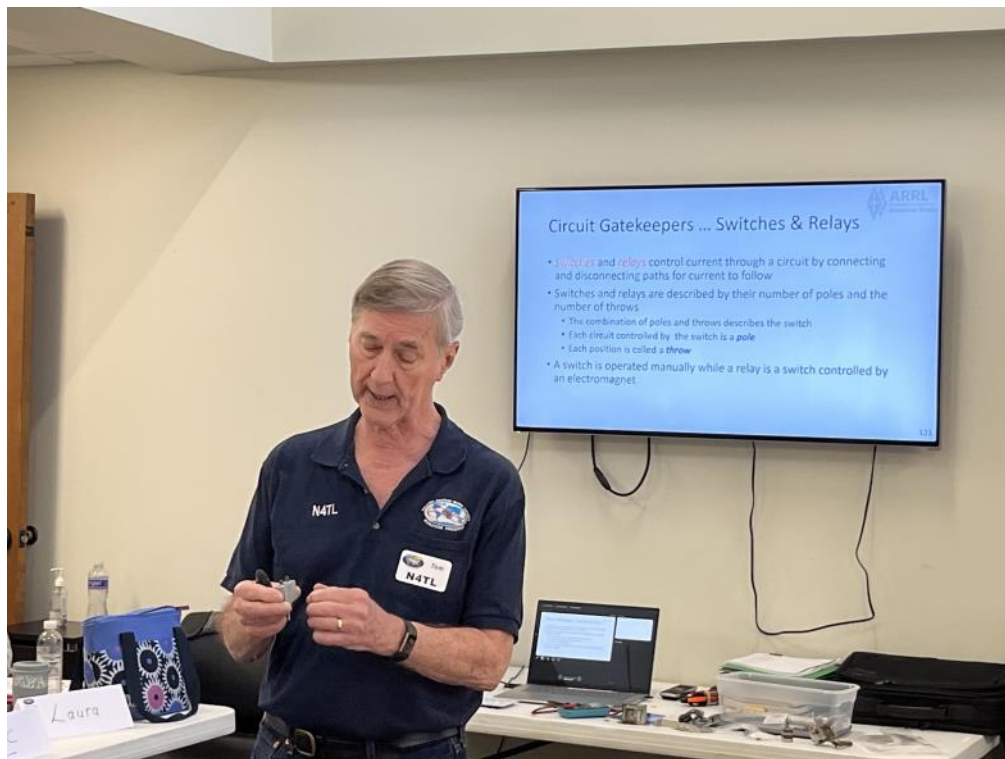


Students with Brantley West, K4CBW

RARS Technician Training Classes



Brantley West, K4CBW and Students



Tom Lewis, N4TL

RARS Classifieds

Copied from <https://www.rars.org/classifieds.php>

The items below were listed within the last 30 days on the RARS website.

Check the RARS Classified List on the RARS website regularly for new items.

Connect Systems DMR radio CS700

Posted March 30th, 2024 by: N4GEB

Contact: brownr@mail.com

Connect Systems CS700

Good working condition, includes programming cable, desk charger.

This is already programed for the Raleigh and surrounding area.

Asking 60 dollars or make offer

Thanks and 73s

Bob

Ten Tec Omni VI+ entire station

Posted March 30th, 2024 by: N4GEB

Contact: brownr@mail.com

Ten Tec Omni VI+ with option3

Includes:

Matching power supply/speaker, antenna tuner, power supply/speaker, desk mic, antenna tuner, external VFO encoder. All are Ten Tec

Also the following crystal filters are installed

1.8Khz, 500 hz 250hz and 9Mhz

Working well, I do not want to split this up, and will not ship.

Price 1100 or make an offer

I will be at the RARS hamfest if you are coming from out of town, please contact me and I will bring it to the RARS hamfest. I will not ship but I am willing to meet you if you live near Raleigh/Clayton area.

73

Bob N4geb

RARS Classifieds continued

Slightly toasted AL-80B

Posted March 30th, 2024 by: W2AAT

Contact: oldman.corky@gmail.com

I suspect that the problem was caused by a grid issue that is popular with this type of amplifier. I thought about fixing it, but after looking at what needs to be done and the fact that I'm too darn old to fiddle with such small components, I'd like to sell it.

I've attached a picture of the burn at the bottom of my QRZ page.

Price negotiable....I will be going to the hamfest.

73's Corky W2AAT

ICOM 730 100W AM SSB CW HF Transceiver \$425

Posted March 25th, 2024 by: W8TWT

Contact: flightdeck@charter.net

This is a used and working ICOM 730 amateur ham radio transceiver. I have used it as a base station, but since it is a DC system, used mobile from car with a hamstix antenna. Comes with hand mike.

AM, CW & SSB.

10-80 m + WARC

Dimensions (W*H*D): 9.49*3.7*10.83"

Weight: 14.11 lb

Other features: PBT. VOX. NB. SWR-meter.

<https://www.rigpix.com/icom/ic730.htm>

FS: Icom IC-7300 HF rig w/ accessories

Posted March 19th, 2024 by: K4CBW

Contact: cbwest@gmail.com

Clean Icom IC-7300 HF radio for sale, shack-kept, no smoke or pets, used for 190 DXCC entities & ready for more. Comes with standard accessories (mic, power cord), original box, optional carry handle, nylon dust cover, and SOTABeams Click2Tune. Pickup in Raleigh. \$850

Can demo at the RARS Gathering on 3/26 (contact me in advance).

Pictured on my QRZ page: <https://www.qrz.com/db/k4cbw>

RARS Classifieds continued

Heathkit GR-78 General coverage transistor radio.

Posted March 18th, 2024 by: N4TL

Contact: n4tl2@yahoo.com

Battery powered with new MiMH rechargeable batteries. The battery is charged with 120vAC or 13.8 vDC. Both AC & DC cords included. It has nine New capacitors. Receives AM, CW & SSB. Clean no rust. works. \$60.00

Contact me via email. N4TL

It covers 190 to 410 kc. and from the start of AM broadcast band up to 30 mc. in six bands. The receiver is powered by a built-in 9.6-volt 500 mAh nickel-cadmium re chargeable battery that charges automatically when connected to either the AC mains or an external 12 volt source. The GR-78 remained in production until late 1976;

Ten Tec 550 Transviever (Pegasus)

Posted March 18th, 2024 by: N4SW

Contact: n4sw@yahoo.com

Ten Tec Pegasus Model 550

For Sale: \$550.00

Description: Original owner; have QSL's and award for 308+ countries using the 550. Good CW rig Fast Break In, Filters, 330 Hz to 8.0 Khz. "Early design of Software Defined computer-controlled transceiver".

Due to my hearing, I'm now on FT8. All controls on my 24" Computer screen. No Dials or Knobs on Transceiver. Hide it. Available for inspection by appointment. No Shipping.

HF Bands 10-160 meters, including latest firmware AM and 60 Meter operation.

Will consider selling Astron 35 Amp PS (Linier) Sorry no ship.

FOR SALE NEW YASEU G-2800DXA EXTRA HEAVY ROTOR SYSTEM.

Posted March 18th, 2024 by: K8SL

Contact: rkandersson@hotmail.com

THIS IS A YASEU G-2800 DXA

NEW IN UNOPENED BOX.

ASKING \$1000.

RARS Classifieds continued

MFJ-1786 Super Loop Hi-Q Loop Antenna

Posted March 15th, 2024 by: KE4YEM

Contact: edwardepley@gmail.com

MFJ 1786 Super Hi-Q Loop Antenna. Covers 10-30 MHZ. Includes Loop Antenna, Mounting Bracket, Control Unit and Manual.

Unit appears to function properly. Has not been used for several years, however it was working when removed from service. Item is to be picked up in Boonville or close proximity to this location.

\$300.00

MFJ-1786 Super Loop Hi-Q Loop Antenna

Posted March 15th, 2024 by: KE4YEM

Contact: edwardepley@gmail.com

MFJ 1786 Super Hi-Q Loop Antenna. Covers 10-30 MHZ. Includes Loop Antenna, Mounting Bracket, Control Unit and Manual.

Unit appears to function properly. Has not been used for several years, however it was working when removed from service. Item is to be picked up in Boonville or close proximity to this location.

\$300.00

Yaesu FT-990 HF Transceiver

Posted March 11th, 2024 by: K4LXV

Contact: k4lxv@arrl.net

A 100 Watt transceiver w/built in antenna tuner and AC power supply. Just serviced by Clairmount Radio Service. \$650. Larry, K4LXV 919-612-1447 Raleigh, NC.

Baofeng UV-5R dualband HT

Posted March 11th, 2024 by: WZ0Q

Contact: wz0q@outlook.com

Forsale Baofeng uv5r dualband ht.

Comes with original box, manual, wriststrap

Earbud speaker mic, programming cable and all accessories that came with it.

Asking \$20.00.

Email me or call 919-413-5998.

Dennis Wz0q.

RARS Classifieds continued

Begali Simplex Iambic Key with gold plate base and blue aluminum finger pieces

Posted March 4th, 2024 by: N4TL

Contact: n4tl2@yahoo.com

Begali Simplex Iambic Key with gold plate base and blue aluminum finger pieces.

No call is engraved on the key. With plastic dust cover. \$200.

The current cost of the key, plus the special finger pieces and shipping is \$239

Key, gold + al finger pieces + shipping

159 + 30 + 33 = 222 euros = 239 dollars

Save \$39 on this one.

Contact me on email. N4TL



Marantz 4001 Surround Sound, Tech Special...free

Posted March 3rd, 2024 by: W8TWT

Contact: flightdeck@charter.net

I have a Marantz 4001 surround sound looking for a new home. Not sure what is wrong, will not power up. Do not have time to check it out.

Minutes, Board of Directors Meeting

Raleigh Amateur Radio Society

February 20, 2024

7:00 PM on Zoom

President Fin Gold called the meeting to order at 7:00 pm. He asked if any visitors were present, but there were none. He requested Secretary Julie Royster to make a quorum call. There were 17 board members present at the time of the count, constituting a quorum. BOD members attending were: Fin Gold NC4FG, Chuck Till K4RGN, Julie Royster KT4JR, Alan Pitegoff AB4OZ, Denny Oestreich KO4IBL, Greg Seamster KE4PAX, Ken Latchum AD4GX, Tony O'Connor K1OC, Brantley West K4CBW, Curt Phillips W4CP, Jeremy Lindsley K2HJX, John Honeycutt N8ZU, Nancy Torborg KB2TNR, Tadd Torborg KA2DEW, Richard Hall K7RLH, Richard Kroeger N1FUA, and Chuck Littlewood K4HF.

President Gold asked for a motion to approve the minutes from the January 2024 Board Meeting. Curt Phillips so moved and the motion was seconded and passed unanimously.

Old Business

- a. The NC QSO party club station will operate from the home of Fin Gold. Radios are set up and tested. BOD members are encouraged to sign up for shifts.
- b. We need to confirm in the minutes that Chuck Till, K4RGN, is the new trustee for the club call W4RNC. This confirmation suffices to inform ARRL of the change.
- c. John Honeycutt asked for an update on the status of repairs to the repeaters. Alan Pitegoff replied that Chuck DeCourt is working on it and has requested quotes. Tadd Torborg encourages the club to perform diagnostics on the non-operating repeaters and states that he has a repeater that might be suitable for use. Alan deferred this to Chuck DeCourt.
- d. Greg Seamster inquired how to proceed with answering questions about the registered agent with the Secretary of State. Fin Gold replied that we do need to address this, as well as the treatment of members regarding articles of incorporation. Jeremy Lindsley volunteered that he can help with this. Fin Gold suggested that he, Greg Seamster, and Jeremy Lindsley and any other interested BOD members meet to resolve these issues. Greg suggested including Tony O'Connor since changes to the website will be needed. Greg will set a time for those involved to meet regarding this topic.

RARS Board of Directors Meeting minutes continued

- e. Brantley West stated that it is necessary to fulfill the ARRL grant requirements by sending a mailing to all Wake County hams. Brantley has been working with Carl Davis on the design of a postcard to be mailed, and he will contact Tony O'Connor about putting a postcard link to a landing page on the RARS website. Mailing should occur before April.

New Business

- a) Special award recommendation -

Chuck Littlewood recommends that RARS honor four individuals with life membership in RARS in recognition of their outstanding service to the club and the local ham community: Joe White, WA4GIR; Liz White, KO4CK; Carl Davis, W8WZ; and Mark Gibson, N4MQU.

Joe and Liz White spent 18 years heading the RARS VE team.

Mark Gibson founded the Five County VE team, which has increased the availability of regular licensing tests in our area.

Carl Davis has held several RARS offices, has faithfully supported Field Day, and has assisted Brantley West with the ARRL grant.

Chuck Littlewood asked for a motion to bring to the RARS membership at the next regular meeting the proposal to bestow these life memberships. It was so moved by Brantley West, seconded, and approved unanimously. Therefore, this topic will be brought to the RARS membership at the March meeting and, assuming an affirmative vote by the members, the special awards will be presented immediately.

- b) Ad-hoc Infrastructure Committee - Fin Gold, NC4FG

Fin described that the goal of this committee would be to improve communication among BOD members and between the BOD and the general membership. This involves new software tools. Fin asked for questions but there was no discussion. Chuck Till moved to form this committee, and the motion was seconded and passed. Those who want to be on this committee should let Fin know.

- c) Ad-hoc Engagement Committee - Fin Gold, NC4FG proposed a committee for the purpose of figuring out how to better serve members and get new members. Tadd Torborg moved to create committee, and the motion was seconded and passed. Those who want to be on this committee should let Fin know. Meetings may be held every 2 weeks at a time convenient to the members. The committee's recommendations will be brought to the board.

RARS Board of Directors Meeting minutes continued

Officer's Reports

a) Vice-President's Report – Chuck Till K4RGN

Speakers are programmed for April (Battleship North Carolina radio systems), May (chief engineer at CBS station 17 regarding the new standard for high-definition TV), and July. June is the Field Day preparation meeting. Chuck is trying to get local speakers whenever possible. He may develop a list of online resources for worthy videos about aspects of amateur radio.

b) Treasurer's Report – Greg Seamster KE4PAX

There are currently 450 members (2 new ones recently). Regarding Quorums we have 438 voting members so 44 voting members (excluding visitors and non-voting honorary and associate members) is a quorum. Greg is out of town but will provide an updated spreadsheet soon to detail recent expenditures and income deposits.

c) Secretary's Report – Julie Royster KT4JR

Minutes are up to date.

Committee Reports:

a) Public Service Director Jeremy Lindsley, K2HJX

Jeremy has purchased radios for public service events which can be used by club members when not being used for public service. He bought a Signup Genius subscription, which is very helpful. He has updated the HPSNC asset list. The public service season starts soon. He will attend the Gathering to recruit new participants. He hopes to start a public service net in March, which would be held twice a month for no more than 30 minutes per net. HPSNC committee member Brian Young KA9KQT is going to move away, and Gordon Featherow KM4GBF will take his place.

b) Education Director Denny Oestreich, KO4IBL

The technician class licensing training will be held on Saturday mornings in March (16, 23, and 30). He needs instructors for 3 chapters. He would also like to have assistant instructors. There are 6 students enrolled so far, and he would like to get 6-7 more. Nancy Torborg asked if Denny could create a flyer to be handed out at the gathering. The location is Good Shepherd Lutheran Church at 7000 Creedmoor Road. Denny volunteered to cover costs of materials and refreshments, but Greg Seamster stated that he can easily be reimbursed.

c) Field Day Chairs Curt Phillips, W4CP & David Burt, W4OFO

The Raleigh Police Club site is confirmed. In 2024 Field Day is June 22-23, which is the 4th of 5 week-ends in June. Several band captains are needed, as well as operators, especially CW operators. Hardware is needed too. Band captains are asked to provide hardware if they can.

RARS Board of Directors Meeting minutes continued

- d) RARSfest Chair Nancy Torborg, KB2TNR
Receipts are up compared to the same time period in past years. The new RARS Facebook page plus the old Facebook page have over 900 followers. The mailing list is over 2300 people, and the “open” percentage and the “click rate” percentages are over industry expectations. Feedback is very positive about NOT holding RARSfest on Easter weekend. Nancy has visited other hamfests to advertise RARSfest. She is working on a T-shirt. Numerous dealers have committed. There is a tab on the RARSfest site for an announcement that is suitable for other nets. Volunteers are still needed to staff tasks. Alan Pitegoff asked whether the test table person qualifies as a volunteer, and Nancy said yes.
- e) Food Service Chair Richard Kroeger, N1FUA
There will be food at the next gathering.
- f) Net Manager Julie Royster, KT4JR
Nets continue, but participation has slipped some. Fin Gold plans to talk to Julie about topical nets.
- g) ARRL Liaison Chuck Littlewood, K4HF
Chuck encouraged members to read the NC section manager’s biweekly news emails. Chuck Till asked whether Roanoke Division representatives at RARSfest are prepared to receive critical comments, and Chuck Littlewood said they are.
- h) RARS VE Coordinators Richard Hall, K7RLH
Plans are set for testing at the February gathering. The VE team does inform new tech licensees of the program on QRZ.com to provide discounted entry-level handheld radios to new hams.
- i) RARS Webmaster Tony O’Connor, K1OC
All is well with the website.
- j) Youth Chairman Brantley West, K4CBW
No further report
- k) At Large Director Alan Pitegoff, AB4OZ
No report
- l) At Large Director Tadd Torborg, KA2DEW
There were 3 dozen people at the January gathering. Posters and information sheets are being prepared for the gatherings. Tadd will bring a repeater to the gathering, plus an antenna analyzer.
- m) At Large Director Ken Latchum, AD4GX
Ken sent in news of Mark Kilmer’s death to ARRL and QRZ.com.

RARS Board of Directors Meeting minutes continued

Other reports or questions

Greg Seamster asked whether any additional RARS items other than the laptop have been retrieved from Mark's home after his death. Nancy stated that she has some RARS patches that were found at the church. She recalls that some money found with the patches was returned to RARS by John Honeycutt, but Treasurer Greg Seamster does not recall this. Nancy will look in her old emails to see what can be learned about this.

President Fin Gold asked for other comments from Board Members but there were none. He reminded BOD members to remain online following the meeting to volunteer for the new ad hoc committees. He then asked for a motion to adjourn, and it was moved by Chuck Till and seconded and passed unanimously. The meeting was adjourned at 8:05 pm.

Respectfully submitted,

Julie Royster, KT4JR, RARS Secretary



RARS Club Meeting Minutes

7:30 PM on Zoom

March 12, 2024

President Fin Gold, NC4FG, called the meeting to order at 7:30 pm on Zoom. He welcomed participants and reminded them of several tips about using Zoom. He led participants in the Pledge of Allegiance to the flag of the USA. President Gold asked whether there were new members, visitors, or newly upgraded members present, but there were none.

President Gold asked Secretary Julie Royster, KT4JR, for a quorum call. She replied that there was not a quorum yet, so a recount would be needed later.

Vice-President Chuck Till, K4RGN, announced that the program for the April meeting will be a discussion of the new ATSE 3.0 standard, otherwise known as high definition TV, which will involve channel reassignments and the necessity to replace existing televisions. The chief engineer at CBS Channel 17 will present the program.

Secretary Julie Royster reported that the minutes were up to date.

Alan Pitegoff, AB4OZ, announced that RARSfest is on April 6. Future hamfests scheduled after that include a fest in Winston-Salem on April 13, and the free AB4OZ fest on May 18.

Tom Lewis, N4TL, announced that the Antique Wireless Association of NC will have a get-together March 21-23. There is a link in the most recent Exciter that will take you to complete details. There will also be antique phonographs there. Also, members who want to place items for sale on the RARS consignment table at RARSfest should go to the RARS website to register their items. We have new software thanks to Fin that will make the sales easier. On Friday April 5 Tom will bring pre-printed labels to the consignment table so that members can affix the labels when they bring their items.

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RARS General Membership Meeting minutes continued

Richard Hall, K7RLH, reported that he will request volunteer examiners to assist with the licensing testing at RARSfest.

Denny Oestreich, KO4IBL, announced that on March 16 and the subsequent 2 Saturdays RARS will hold technician level license training, and students can take their exams at RARSfest. Instructors are ready, as well as equipment. Fourteen students have registered so far. There have been several requests for a future class for the General license.

President Gold asked again for a Quorum call (delayed from earlier), and at this point there were 46 members online according to Secretary Julie Royster. Therefore, a quorum was achieved. President Gold then asked for a motion to approve the minutes of the February RARS meeting as published in the Exciter. Chuck Till so moved and the motion was seconded and passed unanimously.

Julie Royster, KT4JR, made the following announcement on behalf of Jeremy Lindsley, K2HJX, the RARS Public Service director. The RARS Ham Public Service North Carolina Committee is starting a new monthly Public Service net. The net will consist of a five-minute training or informational session followed by a topical discussion. It will be held on the last Wednesday of each month starting Wednesday, March 27, 2024, at 7:30 p.m. on the RARS 146.64 repeater. The net will conclude before the regular 8:00 nightly rag chew net. All stations are invited to participate.

President Gold announced that the next Board Meeting will be held at 7PM Tuesday, Mar 19th on Zoom, and any members wishing to attend can contact Fin Gold for the link.

President Gold announced the recipients of the RARS 2024 Annual Recognition Presentations, which were as follows:

RARS General Membership Meeting minutes continued

Plaques:

John Honeywell, N8ZU – In Appreciation for serving as RARS President, 2020 to 2023.

RARS Life Membership Plaques:

The RARS board has nominated 4 individuals for life membership to recognize their contributions:

Joe White, WA4GIR – 18 Years as RARS VE Team Leader.

Liz White, KO4CK – 18 Years as RARS VE Team Leader.

Mark Gibson, N4MQU – Founder of the Five County Ham Radio Enthusiasts with the Laurel VE Program, producing many new hams in our area.

Carl Davis, W8WZ – RARS Board member and officer, Mentor, Field Day, ARRL Grant.

President Gold explained that a vote by the RARS members was necessary to approve these life memberships, and he asked for a motion to bring a vote. Chuck Till so moved, and the motion was seconded and unanimously approved by those in attendance.

Award Certificates:

Stan Disbrow, W2CK – In Appreciation for quickly stepping in to lead license test sessions for the Cary Swapfest and JARSfest VE Teams and his willingness to assist all VE staff in fulfilling their duties.

Joe Squashic, W4TTO – In Appreciation for his long-term commitment as an excellent Net Control Station on the RARS 64 Net.

Julie Royster, KT4JR – In Appreciation for picking up the RARS Secretary position early and doing an excellent job.

Alan Pitegoff, AB4OZ – In Appreciation for running the RARSfest J Pole Construction Project for many years, as a long term member of the RARS FM Repeater Committee, inspecting our repeaters and continuing his local

RARS General Membership Meeting minutes continued

Hamfests.

Mark Kilmer, KM4JRH – In appreciation of serving as Secretary, 2022 to 2023

Ken Latchum, AD4GX – In appreciation in helping families, N4TL and K4HF with moving Estate equipment from old homes to new homes.

Doug Wall, N3LTV – In appreciation for his ham station activities at The Gathering and his contributions to the NC Packet Program.

Frank Scaraglino, KA2FWC – In appreciation for helping with disposal of the W4YRY Estate equipment.

Chuck Till, K4RGN – For his efforts in carrying on the local WA3UTC 6 Meter Net and social activity.

Dave Thomas, K4SAN - In Appreciation for helping with RARSfest Teardown for several years.

Doug Sweet, AD4UL – In Appreciation for helping with RARSfest Setup for several years.

Bernard Blackmon, W4BRB – In Appreciation for helping with RARSfest Setup for several years.

Dick Orander, KD4ISC – In Appreciation for helping with RARSfest Setup for several years.

Bob Chapman, NC1X - In Appreciation for helping as RARSfest Ticket Sales Chair for several years.

Joanne Mars, AA3N – In Appreciation of her regular net attendance and handling NTS traffic into and out of the greater Raleigh area.

RARS General Membership Meeting minutes continued

Brian Young, KA9QJT – In Appreciation for his well received Digital Mode Presentations at RARSfest for several years.

Mike Murphy, WA4BPJ – In Appreciation of providing weekly Ham Radio News to the ham community for several years.

Tadd Torborg, KA2DEW – In appreciation for promoting and leading the RARS Fourth Tuesday “hands on” Ham Gathering to the benefit of RARS and the ham community.

Carl Davis, W8WZ – In Appreciation of his being the RARS Education Director from 2017 to 2023.

At the conclusion of making these recognitions, President Gold encouraged all members to participate in service to the club and to the larger community.

Treasurer Greg Seamster, KE4PAX, announced that RARS now has 459 members.

VP Chuck Till, K4RGN, introduced the evening’s program: RARSfest chairperson Nancy Torborg, KB2TNR, presented details about procedures and new initiatives for RARSfest 2024 and answered members’ questions.

Following the program President Gold reminded attendees of the upcoming RARS Gathering and the April RARS dinner just before RARSfest. He then asked for a motion to adjourn the meeting. Chuck Till, K4RGN, so moved, and the motion was seconded and approved. The meeting was adjourned at 8:43 pm.

Respectfully submitted,
Julie Royster, KT4JR, RARS Secretary

April 2024 Exciter contents

1. Meeting information, General (Zoom) and RARS Gathering in person.
2. RARS*fest* information
3. President's message
4. March 2024 RARS Zoom meeting information and pictures.
5. 50th Annual RARS*fest* by Nancy KB2TNR
6. Attendees list, 60 people attended.
7. Monthly In-Person RARS Gathering
8. Boy Scout Radio merit badge
9. CW Learning track for new members
10. February 2024 RARS Nets Report
11. RARS Member Birthdays and new members
12. Ham Radio Luncheon, every Thursday
13. RARS Monthly Supper, IHOP Restaurant, information
14. The new Ham Radio for 2024.
15. RARS Monthly Supper, IHOP Restaurant, picture
16. RARS*fest* consignment table information
17. RARS Technician Training Classes follow up
18. RARS Classifieds, 5 pages.
19. RARS Board Meeting Minutes, February 2024.
20. RARS Membership Meeting minutes, March 2024
21. Exciter Contents, This list